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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 09/738,598 | 12/15/2000 | Scott Gerald Allam | 7466/80497 | 1242 |
| 24628 | 7590 | 06/03/2004 | EXAMINER | |
| WELSH & KATZ, LTD 120 S RIVERSIDE PLAZA 22ND FLOOR CHICAGO, IL 60606 | | | QUELER, ADAM M | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2178 | |

DATE MAILED: 06/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/738,598

Applicant(s)

ALLAM ET AL.

Examiner

Adam M Queler

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2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 August 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-58 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-58 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>05/17/2001</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Application filed 12/15/200 and IDS filed 05/17/2001.

2. Claims 1-58 are pending in the case. Claims 1, 44, 46, and 57 are independent claims.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. **Claims 1-58 are rejected under 35 U.S.C. 102(b) as being anticipated by Perlin et al. (US005341466A, patented 8/23/1994), as cited on the Applicant's Information Disclosure Statement of 05/17/2001.**

Regarding independent claim 1, Perlin discloses a method for viewing electronic information comprising the steps of displaying in a first window a physical page from an electronic document containing information from a predefined page format, wherein the electronic document comprises representations of at least one physical page, and a visual reference emphasizing information on the at least one physical page, extracting the information emphasized by the visual reference on the at least one physical page, and presenting the extracted information in a second window (col. 4, ll. 21-37).

Regarding dependent claim 2, wherein the physical page is represented in an electronic page view (col. 4, ll. 21-37).

Regarding dependent claim 3, Perlin discloses that the physical page is represented as an icon including a thumbnail of the physical page (col. 4, ll. 21-37).

Regarding dependent claim 4, Perlin discloses the first and second windows are the same window (col. 4, ll. 21-37).

Regarding dependent claim 5, Perlin discloses the second window is an enhanced interactive window including a thumbnail image of a physical page, a graphic image of a physical page, text, free flowing text, icons, hyperlinks, menus, and control elements (col. 4, ll. 21-37).

Regarding dependent claim 6, Perlin discloses the step of extracting information further comprises the step of selecting a markup annotation from the physical page and converting the information contained in the selected markup annotation to information for use in the second window (col. 4, ll. 21-37).

Regarding dependent claim 7, Perlin discloses the step of selecting further comprises the step of enclosing the markup annotation with a box (col. 4, ll. 21-37).

Regarding dependent claim 8, Perlin discloses the second window may be placed in various positions relative to the first window, including on top of the first window, adjacent to the first window, and partially covering the first window (col. 4, ll. 21-37).

Regarding dependent claim 9, Perlin discloses the second window further comprises a control panel for managing the extracted information (col. 4, ll. 21-37).

Regarding dependent claim 10, Perlin discloses the extracted information may be viewed simultaneously in a multiple of enhanced interactive windows (col. 4, ll. 21-37).

Regarding dependent claim 11, Perlin discloses the visual reference on the physical page is a box with a colored border (col. 4, ll. 21-37).

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Regarding dependent claim 12, Perlin discloses the step of extracting information further comprises the step of extracting information when a computer user clicks in the first window by a selection device including a mouse and the information, which is extracted, is around the point of the mouse click (col. 4, ll. 21-37).

Regarding dependent claim 13, Perlin discloses the step of extracting information further comprises the step of selecting a bookmark and retrieving information associated with the bookmark (col. 4, ll. 21-37).

Regarding dependent claim 14, Perlin discloses that the step of extracting information further comprises the step of retrieving information associated with a structural element when the user selects the structural element

Regarding dependent claim 15, Perlin discloses the information emphasized by a visual reference is termed a markup annotation and each markup annotation is associated with a structural element stored in a database of structural elements (col. 4, ll. 21-37).

Regarding dependent claim 16, Perlin discloses the step of presenting extracted information further comprises the step of retrieving an associated structural element from a database of structural elements and displaying data from the markup annotations associated with the structural elements in the second window (col. 4, ll. 21-37).

Regarding dependent claim 17, Perlin discloses that the step of presenting extracted information further comprises the step of enlarging and reducing visual elements in the first window (col. 4, ll. 21-37).

Regarding dependent claim 18, Perlin discloses that the visual elements include graphic images, clip art, and picture objects (col. 4, ll. 21-37).

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Regarding dependent claim 19, Perlin discloses that the step of presenting extracted information farther comprises the step of emphasizing hyperlinks by representing the hyperlinks as hypertext (col. 4, ll. 21-37).

Regarding dependent claim 20, Perlin discloses that the hyperlinks are associated with visual elements (col. 4, ll. 21-37).

Regarding dependent claim 21, Perlin discloses selecting a symbol representing extracted information in the second window, and displaying document elements associated with the symbol in the first window (col. 4, ll. 21-37).

Regarding dependent claim 22, Perlin discloses that the symbol includes graphical icons for tables, textual icons for tables, figures, graphs, charts, illustration graphics, photos, clip art, audio elements, audiovisual elements, and hyperlink messages (col. 4, ll. 21-37).

Regarding dependent claim 23, Perlin discloses that selecting a symbol further comprises the step of enlarging or reducing a zoom view of the extracted information in the first window (col. 4, ll. 21-37).

Regarding dependent claim 24, Perlin discloses that selecting a symbol displays the extracted information in a third window (col. 4, ll. 21-37).

Regarding dependent claim 25, Perlin discloses that selecting a symbol displays text in another enhanced interactive window (col. 4, ll. 21-37).

Regarding dependent claim 26, Perlin discloses that selecting a symbol executes a code sequence relating to the symbol (col. 4, ll. 21-37).

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Regarding dependent claim 27, Perlin discloses that document elements include information comprising tables, figures, graphs, charts, illustration graphics, photos, clip art audio and audiovisual elements (col. 4, ll. 21-37).

Regarding dependent claim 28, Perlin discloses that the step of selecting includes clicking on the symbols with a mouse (col. 4, ll. 21-37).

Regarding dependent claim 29, Perlin discloses that the third window is an enhanced interactive window including a thumbnail image of a physical page, a graphic image of a physical page, text, free flowing text, icons, hyperlinks, menus, and control elements (col. 4, ll. 21-37).

Regarding dependent claim 30, Perlin discloses that the third window may be placed in various positions relative to the first and second windows, including on top of the other windows, adjacent to the other windows, and partially covering the other windows (col. 4, ll. 21-37).

Regarding dependent claim 31, Perlin discloses that the step of displaying advancing extracted information in the second window by clicking in the second window in areas not designated by symbols, icons, hyper-links or hypertext (col. 4, ll. 21-37).

Regarding dependent claim 32, Perlin discloses that the step of displaying extracted information further comprises the step of advancing extracted information in the second window by an action including a keystroke, keystroke combinations, scroll wheels and voice commands (col. 4, ll. 21-37).

Regarding dependent claim 33, Perlin discloses that the step of advancing extracted information in the second window further comprises the step of advancing the physical page displayed in the first window (col. 4, ll. 21-37).

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Regarding dependent claim 31, Perlin discloses that the step of advancing extracted information in the second window further comprises the step of advancing the visual reference to the extracted information in the physical page displayed in the first window (col. 4, ll. 21-37).

Regarding dependent claim 35, Perlin discloses that the extracted information will start at the top of the second window (col. 4, ll. 21-37).

Regarding dependent claim 36, Perlin discloses the step of creating a summary document from user created notes, highlights, and other user inputted information (col. 4, ll. 21-37).

Regarding dependent claim 37, Perlin discloses that the step of presenting extracted information further comprises the step of allowing the user to add to the extracted information in the second window (col. 4, ll. 21-37).

Regarding dependent claim 38, Perlin discloses that the step of presenting extracted information further comprises the step of finding words within the second window (col. 4, ll. 21-37).

Regarding dependent claim 39, Perlin discloses the step of presenting a dictionary to a user to retrieve definitions for unfamiliar words (col. 4, ll. 21-37).

Regarding dependent claim 40, Perlin discloses presenting an information database to a user to retrieve definitions for unfamiliar words (col. 4, ll. 21-37).

Regarding dependent claim 41, Perlin discloses examining extracted information for unfamiliar words and displaying definitions for the unfamiliar words (col. 4, ll. 21-37).

Regarding dependent claim 42, Perlin discloses that the electronic information is associated with a particular computer (col. 4, ll. 21-37).

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Regarding dependent claim 43, Perlin discloses that the electronic information may be shared between computer users and between computers (col. 4, ll. 21-37).

Regarding independent claim 44, Perlin discloses a system for viewing electronic information comprising means for displaying in a first window a physical page from an electronic document, wherein the electronic page, and a visual reference emphasizing information on the at least one physical page, means for extracting the information emphasized by the visual reference on the at least one physical page, and means for presenting the extracted information in a second window

Regarding dependent claim 45, Perlin discloses selecting extracted information represented by symbols in the second window, and displaying document elements associated with the symbols in a third window (col. 4, ll. 21-37).

Regarding independent claim 46, a computer system for viewing electronic information, the electronic information comprising textual and graphic data of electronic books and documents, the system comprising an information manager for manipulating graphic images of physical pages and annotations bounding electronic information from the physical pages, an enhanced interactive window for displaying the electronic information, and at least one tool for manipulating the electronic information in the enhanced interactive window (col. 4, ll. 21-37).

Regarding dependent claim 47, Perlin discloses that the enhanced interactive window comprises at least one window that displays extracted -Information from the physical pages (col. 4, ll. 21-37).

Regarding dependent claim 48, Perlin discloses that the enhanced page includes a thumbnail image of a physical page, text, free flowing text, icons, hyperlinks, menus, and control elements (col. 4, ll. 21-37).

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Regarding dependent claim 49, Perlin discloses a database for storing annotations, extracted electronic information, and the relationships in the system (col. 4, ll. 21-37).

Regarding dependent claim 50, Perlin discloses structure tree for storing relationship information associating electronic information with extracted electronic information (col. 4, ll. 21-37).

Regarding dependent claim 51, Perlin discloses a visual reference emphasizing the electronic information is displayed on the physical pages (col. 4, ll. 21-37).

Regarding dependent claim 52, Perlin discloses that the visual reference is a box with a colored border (col. 4, ll. 21-37).

Regarding dependent claim 53, Perlin discloses a dictionary to allow a user to retrieve definitions for unfamiliar words (col. 4, ll. 21-37).

Regarding dependent claim 54, Perlin discloses a lock, which allows the electronic information to be associated with one commuter (col. 4, ll. 21-37).

Regarding dependent claim 55, Perlin discloses a sharing mechanism, which allows a computer user to share electronic information between computer users and between computers (col. 4, ll. 21-37).

Regarding dependent claim 56, Perlin discloses that the graphic images of physical pages adhere to a page description format (col. 4, ll. 21-37).

Regarding independent claim 57, Perlin discloses a computer system for viewing electronic information, the system comprising a visual display for displaying an enhanced interactive window based upon electronic information in a page description format. Perlin discloses a storage medium for storing and retrieving information related to the electronic information in the

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page description form and a computer processor coupled to the visual display and to the storage medium for accessing and processing information stored in the storage medium to provide a display of the enhanced interactive window; an input means coupled to the computer processor for entering information related to the electronic information in the page description format.

Perlin also discloses a software portion for creating a plurality of relationships between the enhanced interactive window and the electronic information in the page description format; and a software portion for providing a graphical use interface for navigation and display (col. 4, ll. 21-37).

Regarding dependent claim 58, Perlin discloses a software portion for displaying electronic information in a page description format in a first window; a software portion for displaying electronic information extracted from the page description format in a second window, whereby a visual reference emphasizing the extracted electronic information is displayed in the first window. Perlin discloses a software portion for traversing through related electronic information, whereby selection of electronic information in the first window advances the extracted electronic information displayed in the second window until the desired information is ultimately displayed; and a software portion for traversing through related electronic information, whereby section of extracted electronic information in the second window advances the extracted electronic information displayed in the second window until the desired information is ultimately displayed (col. 4, ll. 21-37).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. USPN 5933843 to Takai.

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam M Queler whose telephone number is (703) 308-5213.

The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R Herndon can be reached on (703) 308-5186. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AQ


STEPHEN S. HONG
PRIMARY EXAMINER